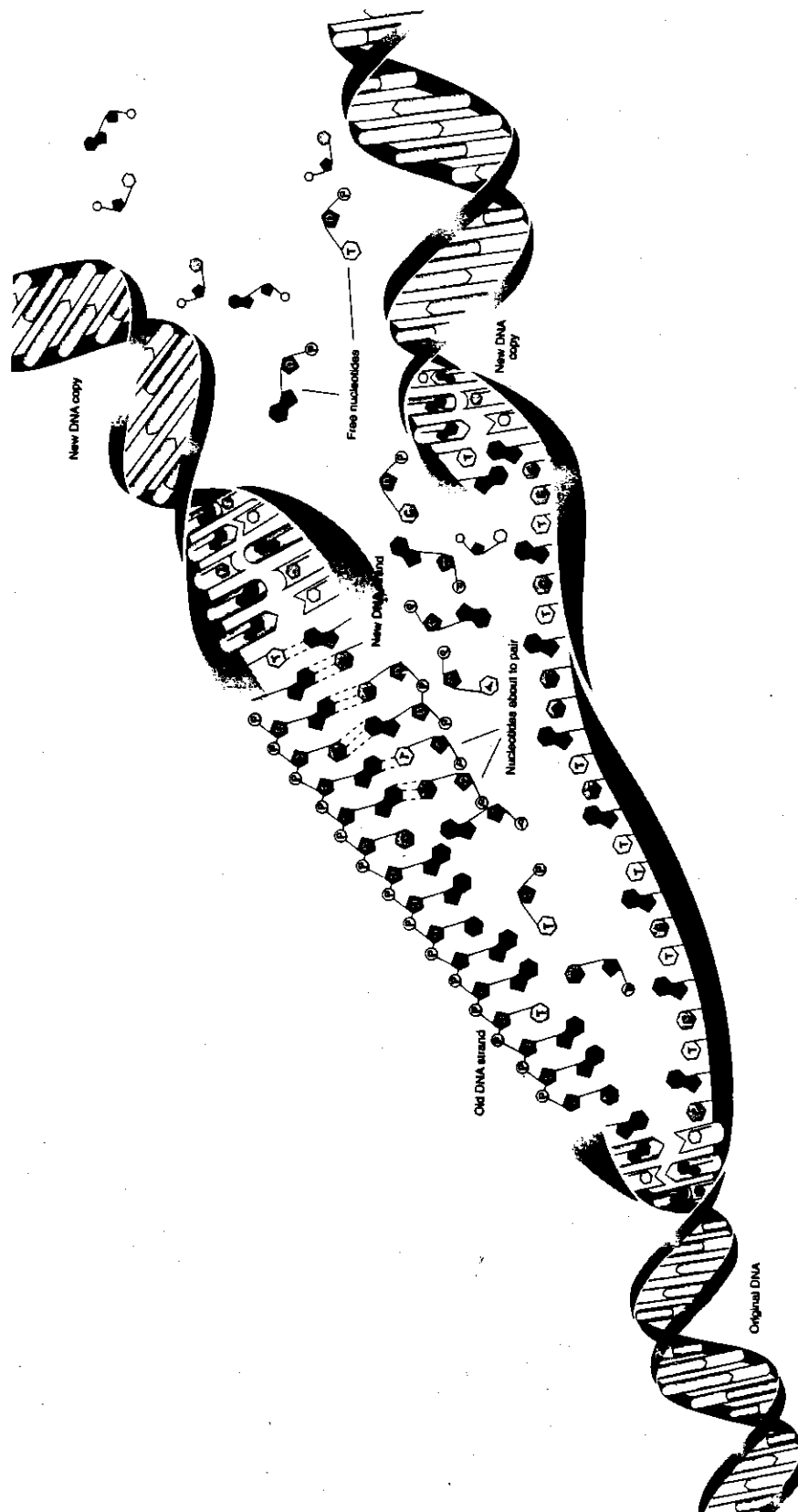


TRANSPARENCY 29 DNA REPLICATION

TRANSPARENCY 29 DNA REPLICATION**USE WITH CHAPTER 13, SECTION 13.1**

1. What is the first step in the process of DNA replication? _____

2. How does each separated strand begin to rebuild a new strand? _____

3. What is the origin of each strand in the replicated DNA? _____

4. What kind of substance facilitates the bonding of nucleotides into a new DNA molecule? _____

5. If the sequence of bases in one strand of DNA is C-A-A-G-T what is the sequence of bases on the matching strand? _____

6. What two vital processes of living things are made possible by DNA replication? _____

7. Explain how DNA replication ensures continuity of form and function from one cell generation to the next.

